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=> FILE REG

FILE 'REGISTRY' ENTERED AT 16:21:42 ON 03 MAR 2002

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STRUCTURE FILE UPDATES: 1 MAR 2002 HIGHEST RN 397841-87-1

DICTIONARY FILE UPDATES: 1 MAR 2002 HIGHEST RN 397841-87-1

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

The P indicator for Preparations was not generated for all of the
CAS Registry Numbers that were added to the H/Z/CA/CAPLUS files between
12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches
during this period, either directly appended to a CAS Registry Number
or by qualifying an L-number with /P, may have yielded incomplete results.
As of 1/23/02, the situation has been resolved. Also, note that searches
conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAPLUS files
incorporating CAS Registry Numbers with the P indicator between 12/27/01
and 1/23/02, are encouraged to re-run these strategies. Contact the
CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698,
worldwide, or send an e-mail to help@cas.org for further assistance or to
receive a credit for any duplicate searches.

=> FILE HCAPLUS

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FILE COVERS 1907 - 3 Mar 2002 VOL 136 ISS 10

FILE LAST UPDATED: 1 Mar 2002 (20020301/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

CAS roles have been modified effective December 16, 2001. Please

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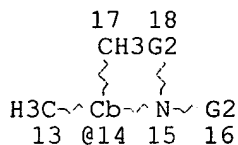
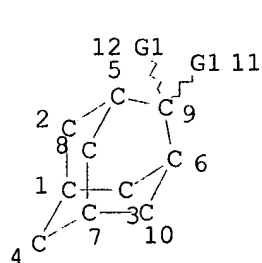
check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the CAS files between 12/27/01 and 1/23/02. As of 1/23/02, the situation has been resolved. Searches and/or SDIs in the H/Z/CA/CAPLUS files incorporating CAS Registry Numbers with the P indicator executed between 12/27/01 and 1/23/02 may be incomplete. See the NEWS message on this topic for more information.

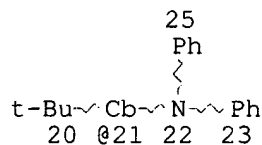
=> D QUE

L13

STR

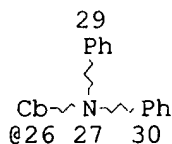


Cb @19



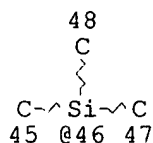
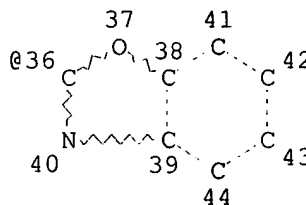
*query
Covers*

*a1-a11
or
a13*

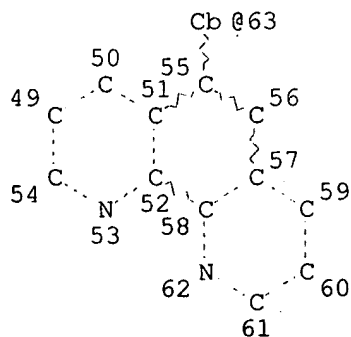


Cb~Cb
@31 32

Cb~Cb~G3
@33 34 35



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VAR G1=14/21/26/31/33/63

VAR G2=PH/19

VAR G3=PH/46/36

NODE ATTRIBUTES:

CONNECT IS E1 RC AT 19
CONNECT IS E1 RC AT 32
DEFAULT MLEVEL IS ATOM
GGCAT IS PCY UNS AT 19
GGCAT IS PCY UNS AT 26
GGCAT IS PCY UNS AT 32
GGCAT IS PCY UNS AT 34
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 61

STEREO ATTRIBUTES: NONE

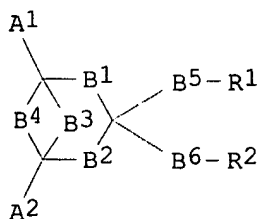
L15 SCR 1842
L17 6 SEA FILE=REGISTRY SSS FUL L13 AND L15
L18 1 SEA FILE=HCAPLUS ABB=ON L17

=> D L18 ALL HITSTR

L18 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
AN 2001:280653 HCAPLUS
DN 134:302846
TI Electroluminescence component
IN Tanaka, Hiromitsu; Mouri, Makoto; Takeuchi, Hisato; Tokito, Seishi
PA Toyota Central Research and Development Laboratories, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 32 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM H05B033-14
ICS C09K011-06; H05B033-22
CC 73-11 (Optical, Electron, and Mass Spectroscopy and Other Related Properties)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001110572	A2	20010420	JP 2000-237442	20000804
PRAI	JP 1999-221653	A	19990804		
OS	MARPAT 134:302846				
GI					



AB The invention refers to an electroluminescent device comprising two electrodes and an electroluminescent layer contg. I [A1,2 = functional group; B1-6 = direct bonds or divalent functional groups; A1,2 =

triphenylamine, coumarin, or oxadiazole deriv. groups having hole and electron transport and luminescent properties].

ST electroluminescence device adamantane

IT Electroluminescent devices
(electroluminescence component)

IT 164396-23-0P 164396-24-1P 334658-67-2P 334658-68-3P 334658-69-4P
334658-70-7P **334658-71-8P** 334658-72-9P **334658-73-0P**
334658-76-3P 334658-78-5P 334658-79-6P
334658-80-9P 334658-85-4P **334658-86-5P**
RL: DEV (Device component use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(electroluminescence component)

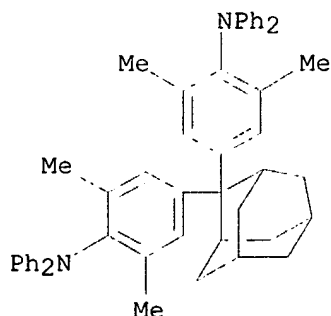
IT 62-53-3, Aniline, reactions 87-62-7, 2,6-Dimethylaniline 90-14-2, 1-Iodonaphthalene 95-53-4, o-Toluidine, reactions 121-44-8, Triethylamine, reactions 142-04-1, Aniline hydrochloride 591-50-4, Iodobenzene 636-21-5, o-Toluidine hydrochloride 700-58-3, 2-Adamantanone 14221-01-3 21436-98-6, 2,6-Dimethylaniline hydrochloride 68572-87-2 89811-60-9 164461-18-1 246546-06-5
334658-75-2 334658-82-1 334658-83-2
RL: RCT (Reactant)
(electroluminescence component)

IT 334658-84-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(electroluminescence component)

IT **334658-71-8P 334658-73-0P 334658-76-3P**
334658-78-5P 334658-79-6P 334658-86-5P
RL: DEV (Device component use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(electroluminescence component)

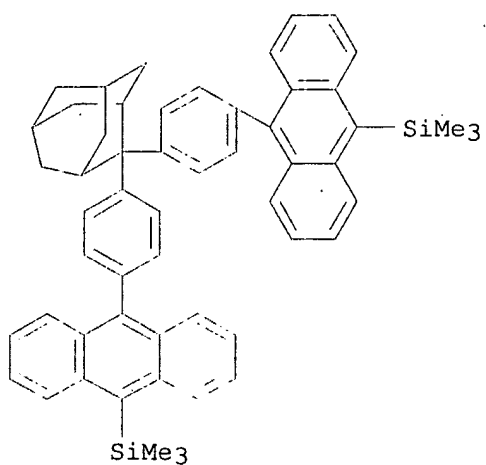
RN 334658-71-8 HCAPLUS

CN Benzenamine, 4,4'-tricyclo[3.3.1.1^{3,7}]decan-2-ylidenebis[2,6-dimethyl-N,N-diphenyl- (9CI) (CA INDEX NAME)



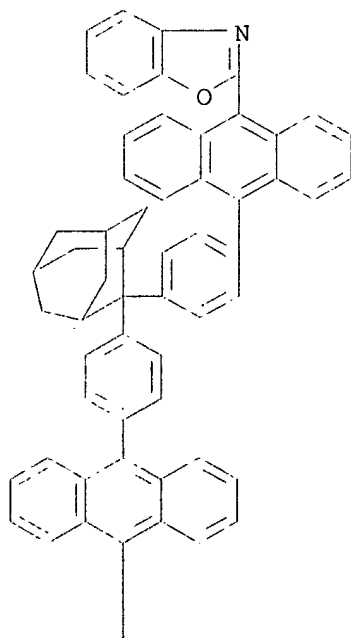
RN 334658-73-0 HCAPLUS

CN Pyrene, 1,1'-(tricyclo[3.3.1.1^{3,7}]decylidenedi-4,1-phenylene)bis- (9CI)
(CA INDEX NAME)



RN 334658-79-6 HCAPLUS
CN Benzoxazole, 2,2'-[tricyclo[3.3.1.3^{0,3}]decylidenebis(4,1-phenylene-10,9-anthracenediyl)]bis- (9CI) (CA INDEX NAME)

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